Agnes Wu

Principle Member of Technical Staff, Silicon Design Engineering

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1. Tell us about yourself and your role at AMD.

I am working for FTO which is the AMD foundry team. This is a team who works with foundry to transfer the design from digital database to real silicon. My role is AMD tape-out execution. Basically, I am the person who sends our AMD design database to Foundry.

2. When did you know you wanted to go into STEM and what inspired you?

In my high school years, at the end of the 1st year of high school, everyone needed to make a choice of studying art or science in the future. Then based on your choice, you need to pass different exam when you apply for college. Most of girls chose art in my class, but I felt I'm different. I did not like to repeat, and I am not good at recitation, so I chose science/STEM.

3. What does engineering mean to you?

It is innovation, creation, building, and problem solving. But simply, for me, it is about being smart and trying to change something and make people's life better.

4. What do you like about being an engineer at AMD?

AMD has a wonderful engineering team. You can work with the many talented people here and you will always enjoy sharing your problems and achievements with them.

You will not feel alone when you face a new technical problem. You can learn and grow your skill very efficiently. One task of my current role is supporting all SOC teams to do signoff work. When the project needs me, I will help them to fix issues or get answers. For sure, I could not know every technical detail, but I always know who can help me.

5. What advice would you like to give students who want to pursue a career in STEM?

When you choose STEM as a career, in addition to the skills related to your job function that you learn, you also improve your learning ability, practical ability, ability to persuade others, ability to arrange complex tasks, and the ability to resist stress.

Joining STEM is not hard but always keep yourself humble. Always accept and learn new stuff and that will help make STEM even more enjoyable.